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**To:** Project Team Members                      **Date:** 05/02/02  
**From:** Montgomery Watson Harza              **Reference:** 04/11/02 Bosque and Leon  
Rivers Watershed Study Team  
Meeting Notes  
**Subject:** Team Meeting Notes

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The following is the “final” copy of the meeting notes from the events and issues discussed during the team meeting held at BRA’s office in Waco, Texas on April 11, 2002. The topics are organized in the same order as the meeting agenda.

**Attendees:**

United States Army Corps of Engineers, Fort Worth District (USACE) – Brian Condike, Wayne Elliott  
Brazos River Authority (BRA) - Mike Meadows, Rob Fuentes, Kyle Headley, Trey Buzbee  
Montgomery Watson Harza (MWH) – Ron Hartline, Dave Ebersold, Kartik Gandhi  
The Institute of Environmental and Human Health at Texas Tech University (TIEHH) – Dr. Todd Anderson, Dr. Andrew Jackson  
City of Waco – Rick Howard  
TNRCC – Mike Honeycutt, Jennifer Sidnell  
Bell County WCID No 1- Jerry Atkinson

**Welcome and Housekeeping**

Welcome and introduction of meeting attendees.

**Corps of Engineers**

- Mr. Condike congratulated everyone on the first anniversary of the project.
- He then updated the team on the TIEHH laboratory validation process and said that it would be completed in one or two months.
- He stated that perchlorate analytical testing for the project would be conducted by the USACE laboratory in Omaha. He indicated that he was working with the lab to assure that they could meet the 2 to 3 ppb reporting limit necessary for the project. Recent samples collected by BRA near the wastewater treatment plant had reporting limits of 18 ppb in the water. He stressed that the reporting and detection limits will depend on the matrix, but he hoped their lab could do much better than this, and that they are working on this issue. He indicated that the initial pricing schedule from the laboratory will be \$80 per water sample

and \$100 per soil sample. Mr. Condiike indicated that these prices seemed high and better pricing is anticipated.

- Mr. Condiike stated that the funding obtained in the first and second year were \$4 million and \$2.5 million, respectively. Out of this amount, \$ 400,000.00 was charged to the USACE savings and slippage general account without his knowledge. Mr. Meadows expressed concern that this money had been moved from this project to fund someone else's project. Mr. Condiike indicated that he would try and determine how this money could be reallocated to this project. He said that USACE had received a copy of a letter from Congressman Barton to the funding committee asking for \$1.5M. He continued that USACE either has or will communicate the actual funding needs to the interested Congressmen during their normal Congressional contacts. Mr. Meadows inquired if Mr. Mike Mocek was aware of this issue. Mr. Condiike asserted that he was aware of this very issue.

### **Texas Tech**

- Dr. Anderson indicated that field collection activities were progressing well and a total of 43 fish samples were gathered at two locations in Lake Belton and Lake Waco. Perchlorate was detected in three fish samples (two in Lake Waco and one in Lake Belton). Dr. Anderson indicated that the positive fish samples consisted of two large mouth bass and one blue gill sunfish. The concentrations of perchlorate detected in the tissue samples were 720 ppb in the fish collected in Lake Belton and 540 ppb and 650 ppb in the fish collected in Lake Waco.
- Mr. Ebersold said that the positive detections in Lake Waco emphasized the importance of the longitudinal section studies and inquired about the planned work for future sampling.
- Dr. Jackson briefly described the dialysis samplers being used by TIEHH for sediment sampling, the various factors affecting perchlorate uptake, and his current sampling work.
- Mr. Condiike asked MWH to coordinate work with TIEHH to prevent duplication of effort.
- Dr. Anderson requested a letter from USACE regarding funding for the second year of the project.

### **MWH**

Mr. Hartline discussed the finalization of the current deliverables:

- Changes are being made to the CSM based on team member comments and the document will be finalized by the end of April.
- The GIS documents (Task 1 and Task 2) reports will be finalized near the end of April, once comments are received from Mr. Haney (USACE-GIS). These comments were originally due to MWH on March 8, 2002.
- The Data Bibliography will be finalized near the end of April.

Mr. Hartline stressed the following points regarding the GIS phase of the project.

- Mr. Hartline updated everyone on the progress of the GIS phase. MWH is currently scanning bore hole logs and has also placed important fields from these logs into a database.
- The GIS software and the server have not yet been received by MWH.
- The software order placed by USACE was different compared to the software recommended by MWH in the Task 1 and Task 2 reports. These reports need to be finalized as soon as possible so that the team is in agreement on the exact GIS scope of work to be performed.
- The SDS issue needs to be addressed and finalized as soon as possible.

Mr. Condiike suggested a conference call between USACE and MWH the next day to resolve the GIS issues. Mr. Hartline agreed.

Mr. Hartline then updated everyone on the progress of the field sampling plan and indicated that MWH had provided a basic scope of work for field sampling activities.

- Mr. Elliot stated that the field sampling scope and budgets with MWH should be finalized by the end of the month.
- Mr. Hartline then stressed the importance of agreeing on the sampling equipment to be utilized and getting the equipment ordered.
- Everyone agreed that the Isco Model 4230 bubbler flow meter and the Isco Model 6712 automatic sampler proposed in the MWH scope of work would be selected for this project. Discussions then ensued concerning who would purchase this equipment. Mr. Meadows stated the delay that may be possible in acquiring the equipment through BRA. Mr. Condiike said that USACE would encounter similar problems, but would look into purchasing the equipment using the GSA pricing. He also said that purchases beyond \$2500 required bids, which would further delay the process. Dr. Anderson suggested that TIEHH might be able to help purchase the equipment.
- Mr. Fuentes reminded the team that the installation was not a quick process.
- Mr. Ebersold said that one of the lead time issues on sampling was acquiring access to the properties. Mr. Condiike stated that USACE would acquire all public access but needed a map and map coordinates to give to his real estate people.
- Mr. Ebersold stated that agreeing on the locations and acquiring access on stream stations was a priority, if we hope to be in the field by May.
- Mr. Hartline suggested that physically visiting the stations would be a good idea.
- Dr. Anderson requested BRA provide assistance in accessing Texas A&M property.

## **BRA**

Mr. Meadows said that he enjoyed working with the team on this project and wished everyone good luck in the future. He is moving to a new position within the BRA organization. Mr. Condiike thanked Mr. Meadows for his dedication to the project and welcomed Ms. Hacker back to the team.

## **Next Meeting.**

Mr. Condiike said that the next team meeting would be scheduled on the date of the next RAB meeting in Waco and that he would inform the team regarding this date.

The following action items were assigned

- Conference call between MWH and USACE as soon as possible to discuss GIS issues.
- Letter to TIEHH regarding funding for second project year.
- TIEHH to send the fish sampling data to Mr. Condiike.
- Final comments from Mr. Haney on draft Task 1/ Task 2 documents and decision on SDS conversion.
- MWH and BRA to decide sampling station locations and provide map to Mr. Condiike.
- Mr. Condiike will attempt to recoup the \$400,000.00 moved to the slippage and savings account.
- USACE to obtain latest round of sampling data from EnSafe.
- Mr. Elliot to follow up on available data from Fort Hood.
- BRA to assist in obtaining access to Texas A&M property
- Mr. Howard to provide up-to-date perchlorate data from City of Waco.
- Mr. Howard to provide final SOW for Lake Study to MWH.
- Mr. Fuentes to provide detailed equipment lists and details on shelters, etc.

## **Adjourn**